

## Glossary of Terms

A B C D E F G H I J K L M N  
O P Q R S T U V W X Y Z

A

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### ADSL Data Network (ADN)

**End-to-end Network (AEN):**  
An end-to-end communications network where the access loop technology is based on ADSL, and the end-to-end connectivity is provided by TCP/IP.

### Asymmetric Digital Subscriber Line (ADSL)

Modems attached to a twisted pair copper wiring that transmit from 1.5 Mbps downstream (to the subscriber) and from 64 Kbps upstream, depending on line distance.

### Asynchronous Transfer Mode (ATM)

**A set of telecommunication interfaces defined by ANSI and ITU. A form of digitized data transmission based on fixed-length cells that can carry data, voice, and video at high speeds.**

### ADSL Terminal Unit-Central (ATU-C)

Located at the Central Office end.

### ADSL Terminal Unit-Remote (ATU-R)

Located at the customer premises end.

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## Bandwidth

**This is a reflection of the size or the capacity of a given transmission channel.**

## Broadband

**Sharing the bandwidth of a medium such as copper or fiber-optic cable, to carry more than one signal.**

C

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**Central Office (CO)**

Where telephone companies terminate customer lines and locate switching equipment to interconnect those lines with other networks.

D

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## Downstream

**The communications from the network towards the customer premises.**

E

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## Ethernet

**A LAN used to connect devices within a single building or campus at speeds up to 10 Mbps.**

F

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## Fast Ethernet

A LAN used to connect devices within a single building or campus at speeds up to 100 Mbps. The underlying medium is fiber optics, and the topology is a dual- attached, counter-rotating token ring.

**G**

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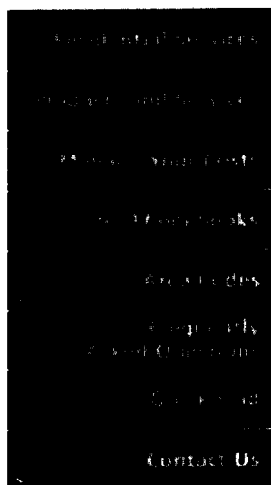
### Gigabits per second (Gbps)

What's the speed?  
What's the path speed?  
Pricing, Location  
and ISDN: Awarards  
Using InfoSpeed  
Where's InfoSpeed  
Today  
InfoSpeed  
DST: Inhab  
InfoSpeed and Other  
Options  
Program Service  
Provider  
Data Transfer and  
Links  
What's the speed?  
What's the path speed?

## Special Offers



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Residential Services



## Become a Service Provider

Leverage the growing market of InfoSpeed users.

*Microsoft CEO Bill Gates' technology predictions for the new year are out: fast DSL (digital subscriber lines) connections... will make a big splash in 1998... DSL will take off...*

-By Jeff Peline, NEWS.COM, December 30, 1997

The Internet is growing - not only in users and people connecting, but also in data file sizes and downloadable information. Yesterday it was text. Today it is graphics. Tomorrow? The sky is the limit, not the bandwidth. Customers are demanding faster access and new applications. Bell Atlantic can help you leverage the bandwidth so you can provide your residential customer with megabits of information.

## Where Do You Fit In?

Bell Atlantic is providing the transport, the basic high-speed access connection to the residence. That is what we do best. Here is where you fit in: Content, Internet Access and Services. That is what you do best. Customers need a place to go on the Internet to get their e-mail, set-up home pages, chat with a friend, check information, or just surf around. And, with the bandwidth of InfoSpeed Service, powered by ADSL technology, the potential for new applications, by you, our partners, is tremendous!

Bell Atlantic is in the process of looking for partners for Internet Protocol (IP) connectivity. Bell Atlantic has the access and transport. We need you to provide the services and content. You have grown the Internet. Your network and content are key parts of the puzzle. We need your piece to make the picture complete. Help us make the customer's Internet experience a rewarding, educational, and entertaining one.

By partnering with Bell Atlantic Consumer Data Services in the offering of InfoSpeed Service, you, as a Service Provider, content developer, or media company can offer more services and add greater value to your customers.

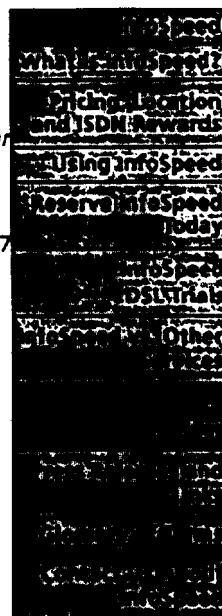
## For More Information

For more information, email:

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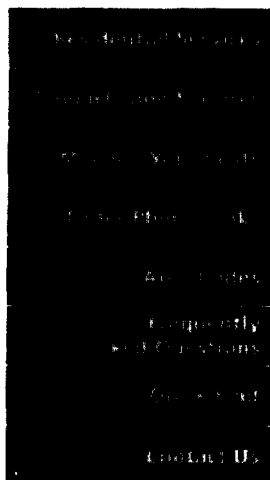
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## InfoSpeed vs. Other Services

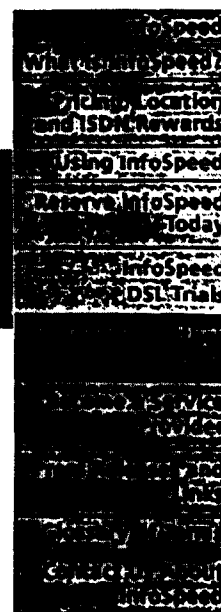
**InfoSpeed Service provides the fastest dedicated link to your home.**



## InfoSpeed Service vs. Analog Modems

Analog modems tie up your phone line. InfoSpeed Service provides you with the flexibility to surf the Internet while you talk on the phone or send a fax, over one phone line.

Analog modems require you to dial an ISP or Remote LAN, sometimes experiencing busy signals. InfoSpeed is always connected - as long as your computer is on. It requires no dialing, and hence no busy signals!



Current analog modem speeds are less than 56 Kbps. Even if you use the newest analog modem technology that enables you to tie two data streams together, you are still limited to 112 Kbps. InfoSpeed Service is much faster. In fact, InfoSpeed 640K is over 12 times faster than a 56 Kbps modem.

Analog modems are, of course, analog. InfoSpeed sends information digitally all the way to your home, providing a more stable, reliable connection.

## InfoSpeed Service vs. Cable Modem Service

Cable modem services offer shared bandwidth between you and your neighbors. Your speed will vary with how many people are on the cable modem network. With InfoSpeed Service, you have a dedicated connection to your home.

Cable modem architecture is a shared arrangement. Data passes over a common link. With InfoSpeed, you have a dedicated access connection to your home. Your data travels from your home directly to your Internet Service Provider, so your information is more secure.

Plus, InfoSpeed Service is provided by Bell Atlantic - the company you know and trust - a company that has brought you reliable services for over 50 years.

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Last Name

E-Mail Address

Your Home Phone Number

A Daytime Phone Number

Street Address

Apt., Suite, Bldg.

City

State

Zip

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218	270	321	425	503	712	821	902
219	273	323	426	506	714	827	903
239	275	352	440	556	734	847	905
246	277	356	442	569	748	848	912
249	278	359	448	591	749	866	913
250	279	383	451	610	760	873	917
259	285	385	455	613	761	874	918
261	286	394	452	644	764	883	923
267	287		457	691	790	893	934
268	288		482				978
269	293		487				

#### Pittsburgh, PA Trial

Trial locations for Pittsburgh are Squirrel Hill, Glenshaw, and Oakland.

Phone numbers qualifying for the trial are in the 412 area code and have one of the following prefixes (first 3 numbers of your phone number):

268	383	420	421
422	486	487	492
521	578	605	621
622	623	624	641
647	648	681	682
683	687	688	692
802	862	961	

### Order Trial Service

If your home area code is 703 or 412 and your NXX (the first 3 digits of your phone number) is included in one of the tables shown above, we will check your line facilities and contact you within 48 hours. If your phone number does not meet our area code and NXX requirements, you will be added to our reservation list and notified when InfoSpeed service becomes available in your area. Please note that participation in these trials is limited.

Please note that the system requirements for InfoSpeed are:

**Windows:** IBM(TM) compatible PC with a 486 or higher processor, Microsoft(R) Windows 95(R), Windows NT(R) 4.0 or higher, VGA or SVGA video card, VGA monitor recommended, 16MB RAM, 25MB free hard disk space.

**Macintosh:** Apple(TM) compatible computer with a Power PC(TM) processor or 68040 or higher processor (Performa 575 or better, Quadra, Power Macintosh), 10Base-T Ethernet Connector, Mac(TM) OS system software version 7.5.3 or later, 16MB RAM, 10MB free hard disk space. (Northern VA only).

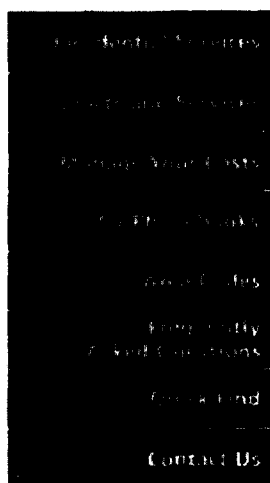
**Please fill out the form below to inquire more about ADSL Services.**

First Name



Bell Atlantic For Your Home

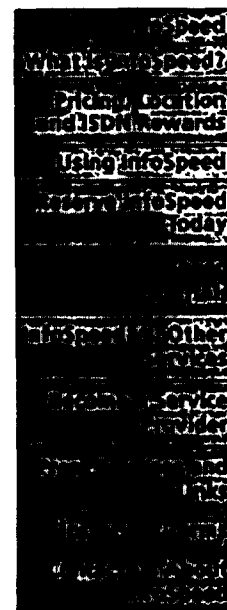
Residential Services



Wild things  
are happening at  
© Bell Atlantic



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- [Order](#)



## Trials

Bell Atlantic currently has an intrastate trial in place in Northern VA and technical trials in place in Pittsburgh, PA.

## Pricing

### Northern VA Trial

One-time charges are waived, including provisioning and service connection, inside wire, installation, ADSL modem, one NIC card, and ADSL equipment installation. There is a monthly recurring charge of \$30, plus Internet Service charges from your Internet Services Provider (ISP). ISPs participating in this trial include:

<b>Verio Mid-Atlantic</b>	<b>CAIS Internet</b>	<b>Bell Atlantic Internet Solutions</b>
1-800-784-6512	1-703-448-4470	1-800-567-6789
\$25.00 / month	\$28.50 / month	\$27.95 / month

Please be sure to confirm pricing with your ISP. You may also want to ask about the ISP's architecture for supporting ADSL bandwidth.

### Pittsburgh, PA Trial

One-time charges are waived, including provisioning and service connection, inside wire, installation, ADSL modem, one NIC card, and ADSL equipment installation. No monthly recurring charge will be incurred for the InfoSpeed DSL service while the trial is being conducted. Internet service charges may apply.

## Locations

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### Northern VA Trial

Trial locations for Northern VA are Springfield, Fairfax, McLean/Tysons, Burke, and Annandale.

Phone numbers qualifying for the trial are in the 703 area code and have one of the following prefixes (first 3 numbers of your phone number):

